



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

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www.ct.gov/csc

CERTIFIED MAIL RETURN RECEIPT REQUESTED

October 25, 2019

Kenneth C. Baldwin, Esq.
Robinson & Cole LLP
280 Trumbull Street
Hartford, CT 06103-3597

RE: **PETITION NO. 1379** - Cellco Partnership d/b/a Verizon Wireless petition for a declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the proposed installation of a wireless telecommunications facility on the roof of an existing building located at 1270 North High Street (a/k/a State Route 100), East Haven, Connecticut.

Dear Attorney Baldwin:

At a public meeting held on October 24, 2019, the Connecticut Siting Council (Council) considered and ruled that the above-referenced proposal would not have a substantial adverse environmental effect, and pursuant to Connecticut General Statutes § 16-50k, would not require a Certificate of Environmental Compatibility and Public Need with the following conditions:

1. Approval of any minor project changes be delegated to Council staff;
2. Unless otherwise approved by the Council, if the facility authorized herein is not fully constructed within three years from the date of the mailing of the Council's decision, this decision shall be void, and the facility owner/operator shall dismantle the facility and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made. The time between the filing and resolution of any appeals of the Council's decision shall not be counted in calculating this deadline. Authority to monitor and modify this schedule, as necessary, is delegated to the Executive Director. The facility owner/operator shall provide written notice to the Executive Director of any schedule changes as soon as is practicable;
3. Any request for extension of the time period to fully construct the facility shall be filed with the Council not later than 60 days prior to the expiration date of this decision and shall be served on all parties and intervenors, if applicable, and the City of East Haven;
4. Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
5. Any nonfunctioning antenna and associated antenna mounting equipment on this facility owned and operated by the Petitioner shall be removed within 60 days of the date the antenna ceased to function;
6. The facility owner/operator shall remit timely payments associated with annual assessments and invoices submitted by the Council for expenses attributable to the facility under Conn. Gen. Stat. §16-50v;



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7. If the facility ceases to provide wireless services for a period of one year the Petitioner shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council within 90 days from the one year period of cessation of service. The Petitioner may submit a written request to the Council for an extension of the 90 day period not later than 60 days prior to the expiration of the 90 day period; and
8. This Declaratory Ruling may be transferred or partially transferred, provided both the facility owner/operator/transferor and the transferee are current with payments to the Council for their respective annual assessments and invoices under Conn. Gen. Stat. §16-50v. The Council shall be notified of such sale and/or transfer and of any change in contact information for the individual or representative responsible for management and operations of the facility within 30 days of the sale and/or transfer. Both the facility owner/operator/transferor and the transferee shall provide the Council with a written agreement as to the entity responsible for any quarterly assessment charges under Conn. Gen. Stat. §16-50v(b)(2) that may be associated with this facility.

This decision is under the exclusive jurisdiction of the Council and is not applicable to any other modification or construction. All work is to be implemented as specified in the petition dated September 10, 2019 and additional information dated October 1, 2019 and October 15, 2019.

Enclosed for your information is a copy of the staff report on this project.

Sincerely,



Melanie A. Bachman
Executive Director

MAB/MP/lm

Enclosure: Staff Report dated October 24, 2019

- c: The Honorable Joseph Maturo, Jr., Mayor, Town of East Haven
Christopher Soto, Planning & Zoning Enforcement Officer, Town of East Haven
Woodview Associates, property owner



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Petition No. 1379
Cellco Partnership d/b/a Verizon Wireless
1270 North High Street, East Haven
Rooftop Wireless Telecommunications Facility
Staff Report
October 24, 2019

On September 10, 2019, the Connecticut Siting Council (Council) received a petition from Cellco Partnership d/b/a Verizon Wireless (Cellco) for a declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the proposed installation of a wireless telecommunications facility on the roof of a building at 1270 North High Street in East Haven, Connecticut.

The facility would improve Cellco's 700 MHz, 850 MHz, 1900 MHz and 2100 MHz service in the surrounding area, but primarily its 700 MHz service. Cellco's proposed facility, known as East Haven North, would also provide an estimated capacity offload of 50 percent to the Gamma sector antennas at Cellco's existing Branford 2 facility located at 405 Brushy Plain Road in Branford and 25 percent capacity offload to the Alpha sector antennas at Cellco's existing New Haven NE facility at 339-363 Eastern Street, New Haven.

On March 18, 2014, New Cingular Wireless PCS, LLC (AT&T) submitted a petition for a declaratory ruling for the proposed installation of a 45-foot guyed lattice tower on the easterly portion of the roof of the same building. AT&T planned to install 12 panel antennas and 21 remote radio heads at a centerline height of 71 feet above ground level (agl). The Council approved Petition No. 1096 on April 17, 2014. However, AT&T did not construct the facility and has since cancelled the site and terminated its lease with Woodview Associates, the property owner.

On September 17, 2019, the Council issued interrogatories to Cellco. On October 1, 2019, Cellco submitted responses to Council interrogatories.

On October 15, 2019, Cellco submitted a revised Petition for a tower height of 40 feet above the rooftop platform. The tower was originally proposed to have a height of 55 feet above the rooftop platform.

Cellco proposes to install an approximately 40-foot monopole tower on the roof of the four story Woodview Associates apartment building located on a 9.11-acre parcel in the Town of East Haven's Planned Elderly Facilities District (PEFD) zone. The existing building roof parapet extends to a height of 39.5 feet agl.

Cellco's proposed 40-foot tower would be installed on a steel frame on the central portion of the roof, extending to a total height of 80-feet 3-inches agl. Cellco would install six panel antennas, six remote radio heads and three diplexers at a centerline height of 75 feet agl. The tops of the antennas would reach approximately 78 feet agl and thus would not extend above the top of the tower. The tower would be designed to accommodate two additional wireless carriers below Cellco's antennas. However, no other carriers have expressed an interest in co-locating on the tower at this time.

Cellco would install two equipment cabinets, associated electrical boxes and backup generator on a 34-foot long by 12.5 foot wide roof-mounted steel platform. Three existing building exhaust fans would be relocated to avoid conflicting with Cellco's proposed steel platform location. Electrical telecom, and natural gas utility connections would extend inside the building to connect to existing utility service at the site.

Emergency power would be supplied from a new 30-kilowatt natural gas-fueled generator to be located on Cellco's proposed steel platform. The natural gas-fueled generator would be pipeline supplied, and thus, its run time would not be limited by on-site fuel supply. The generator would run about 20 minutes per week during the daytime for maintenance purposes. The proposed facility would also have a battery backup system that could keep Cellco's facility operational for up four hours in the event that the generator fails to start.

Commercial Mobile Radio Service (CMRS) providers are licensed by and are under the jurisdiction and authority of the Federal Communications Commission (FCC). At present, no standards for backup power for CMRS providers have been promulgated by the FCC. Every year since 2006, AT&T, Sprint, T-Mobile, and Cellco have certified their compliance with the CTIA Business Continuity/Disaster Recovery Program and the Communications Security, Reliability and Interoperability Council standards and best practices to ensure network reliability during power outages.

The proposed project will occur within and on the existing building and no ground disturbance is necessary. Access to the proposed facility would be through the existing building.

In general, the visibility of the originally proposed 55-foot facility was expected to be minimal. The 15-foot reduction in height would further reduce the visibility of the proposed facility in the vicinity of the site. Specifically, views of the facility would be restricted primarily to locations along the Route 80 commercial corridor within approximately 0.75-mile west of the site. The nearest commercial child day care center and school are approximately 0.17 mile to the west and 0.65 mile to the northeast of the site, respectively. Generally, land use within the immediate vicinity of the site is residential in nature. Single-family residential properties are located east, west and south of the subject property. The Thompson Gardens apartment complex is located to the northwest.

The installation would not be a hazard to air navigation, and no notice to the Federal Aviation Administration is required.

A Professional Engineer duly licensed in the State of Connecticut has certified that the proposed tower, steel platform and the existing building are structurally adequate to support the proposed loading.

The highest calculated power density level for Cellco's proposed antennas would be 15.2 percent of the applicable exposure limit established by the Federal Communications Commission at ground level with a -10 dB off-beam adjustment.

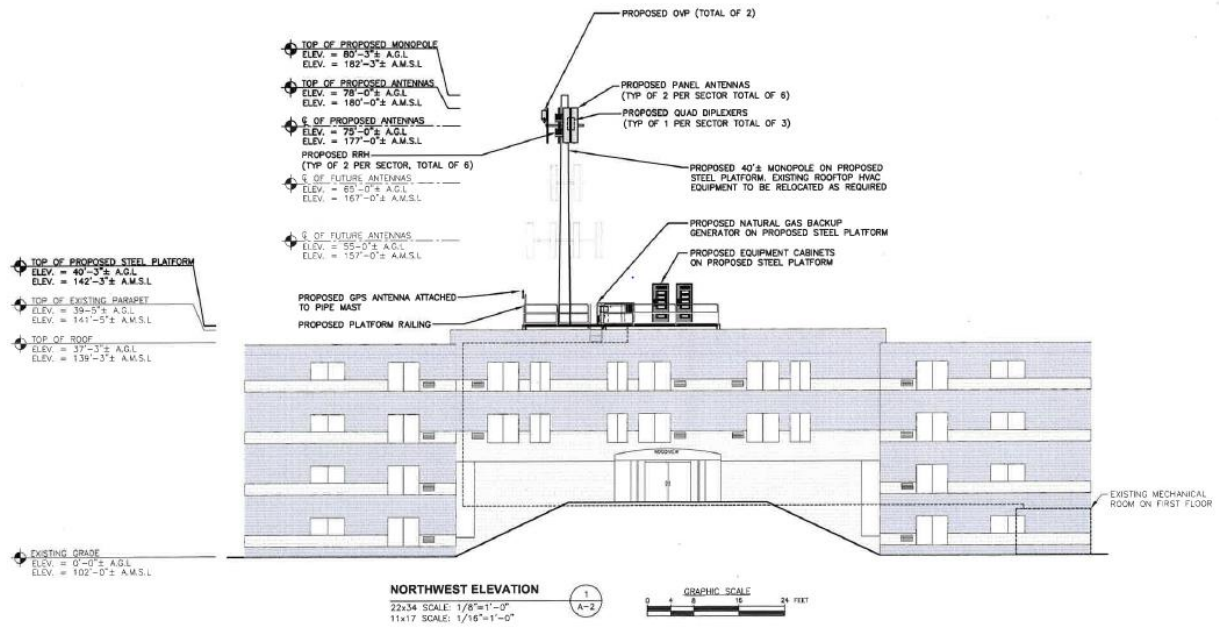
Notice was provided to the Town of East Haven, the property owner, and abutting property owners on or about September 10, 2019. No comments have been received to date.

Cellco contends that this proposed project would not have a substantial adverse environmental impact.

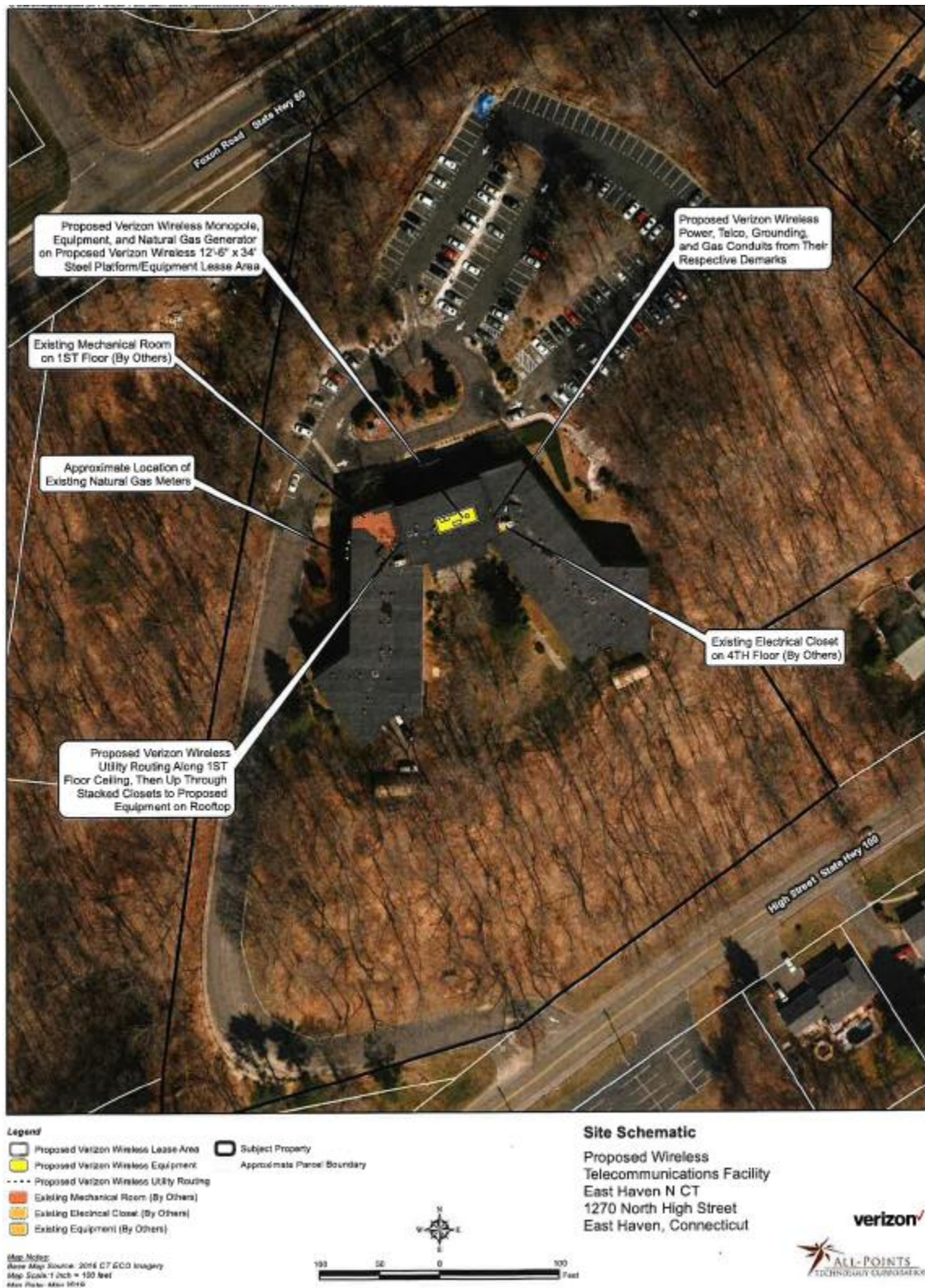
If approved, staff recommends the following conditions:

1. Approval of any minor project changes be delegated to Council staff;

Site Plan



Site Location



Photosimulation (on host property – facing south)



PROPOSED

PHOTO	LOCATION	ORIENTATION	DISTANCE TO SITE	VISIBILITY
30	HOST PROPERTY	SOUTH	+/- 215 FEET	VISIBLE